



### Approach to Estimating CMGC

Opinions of Probable Construction Costs (OPCCs):

- Early Validation Estimate is key
- Estimates at 30% / 60% / 90% Design Levels
- Three rounds at final CAP (Construction Agreed upon Price)
- Still have option to put out for bid all packages are severable





### Approach to Estimating CMGC

From Contractor's Perspective:

- Open, Honest, Transparent approach not always easy – hard to describe risk to owner, ICE
- Quantity reconciliation is key
- Productivity Rates use cost history



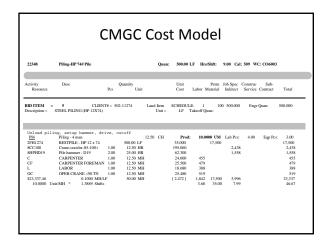


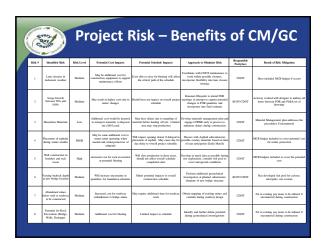
#### Approach to Estimating CMGC

From Contractor's Perspective:

- Detailed activity level estimates
- Be clear on assumptions identify risks
- Mobilizations, Jobsite Overhead assumptions
- Education of ICE, Owner (e.g., items incidental to activity of work)













# Keys to Successful CMGC – A Contractor's Perspective

- Partnership
- Collaboration
- No Egos in the Room
- "No blame, only solutions "
  - FHWA Peer Exchange on CMGC





# Opportunities for Contractors in CMGC

- Partner with others that have CMGC Experience
- Subcontracing Opportunities
- Owners looking for best Contractors, not best proposal writers
- Take a chance



